






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Flat or capillary membrane manufactured from a mixture of polyvinylidene fluoride and a second by chemical reaction hydrophilable polymer

Patent number: EP0407900
Publication date: 1991-01-16
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Classification:
- **International:** (IPC1-7): B01D67/00; B01D71/34
- **European:** B01D67/00F; B01D67/00H10D; B01D67/00J18; B01D69/14B; B01D71/34; C12N11/08
Application number: EP19900112904 19900706
Priority number(s): DE19893923128 19890713

Also published as:

 US5066401 (A1)
 JP3114517 (A)
 EP0407900 (A3)
 DE3923128 (A1)
 EP0407900 (B1)

Cited documents:

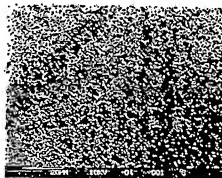
 EP0245000
 EP0186758
 DE2735887
 JP548669

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Abstract not available for EP0407900
Abstract of corresponding document: **US5066401**

Membranes are based on a homogeneous mixture of polyvinylidene fluoride and a second polymer which can be rendered hydrophilic by chemical reaction. The membranes contain 70 to 98 percent by weight of polyvinylidene fluoride and 2 to 30 percent by weight of a polymer formed essentially from polymethyl and/or polyethyl acrylate, and have a maximum pore size in the range from 0.005 to 10 μ m. They can be rendered hydrophilic by means of at least partial hydrolysis, at least partial transesterification with an alcohol which is at least trihydric and contains 3 to 12 carbon atoms, and/or at least partial aminolysis with an amino compound having 2 to 8 carbon atoms. The flat or capillary membranes which have been rendered hydrophilic can contain on their total surface 0.001 to 10 milliequivalents/g of membrane, preferably 0.01 to 5 m equivalents/g of membrane, of -COOH, -OH or -NH₂ groups or corresponding mixtures of these hydrophilic functional groups. Such membranes can be used, in particular, for immobilizing biochemically active compounds.

PVDF flat membranes W 5



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